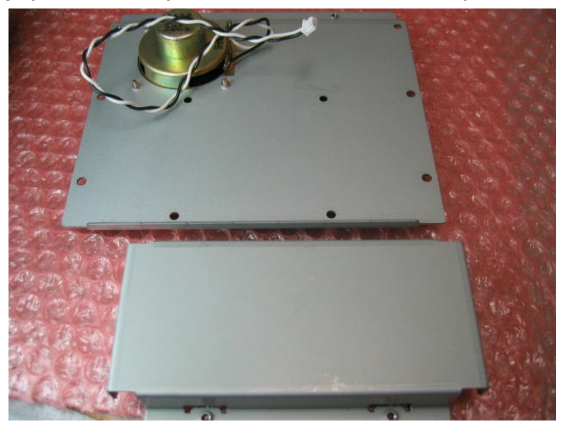
TV8600 NTSC Video Module Installation for AR8600MKII

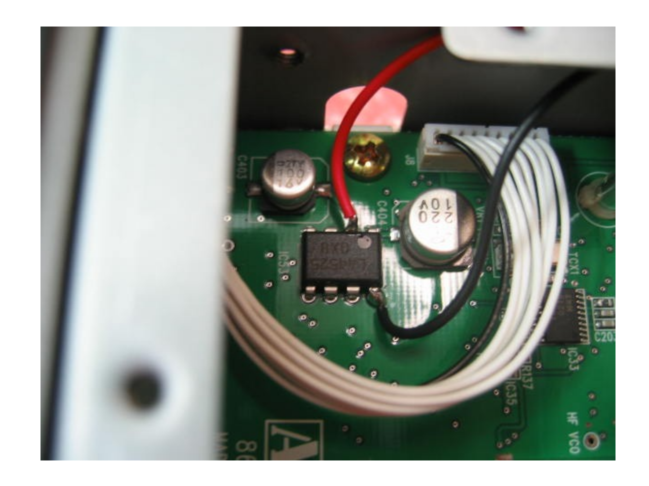
(Revised)

1. Remove the top cover and bottom cover from the receiver.
2. Remove the top shield cover.
3. Remove the battery pack compartment from the top shield cover.



4. Remove six (6) screws from the bottom shield cover.
5. Remove three (3) black screw on the main board. (This enables the bottom shield cover come apart).
6. Carefully solder the red wire and the black wire of the 4-pin connector to the IC 53.

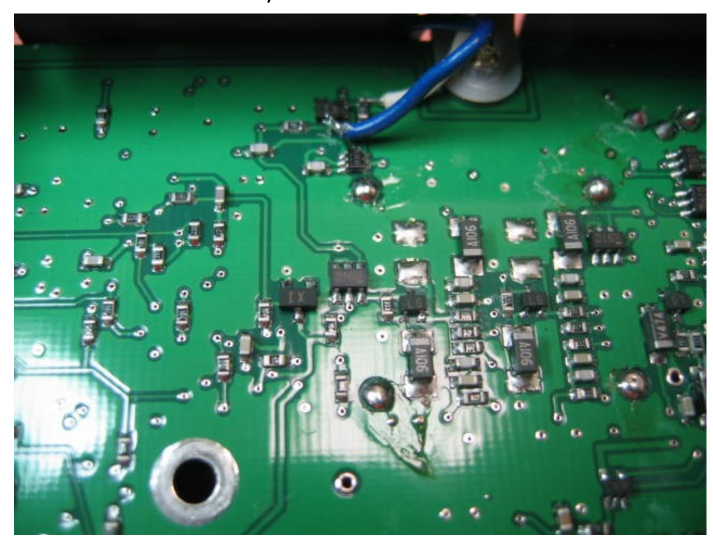
Red --- Pin #2 of the IC53,   Black --- Pin #8 of the IC53.



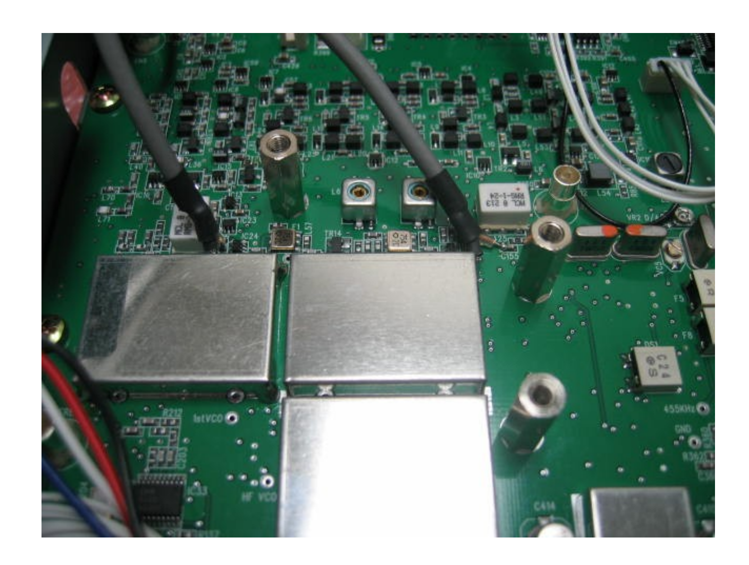
7. Carefully solder the white wire and the blue wire of the 4-pin connector to the TR21 located on the bottom side of the main unit.



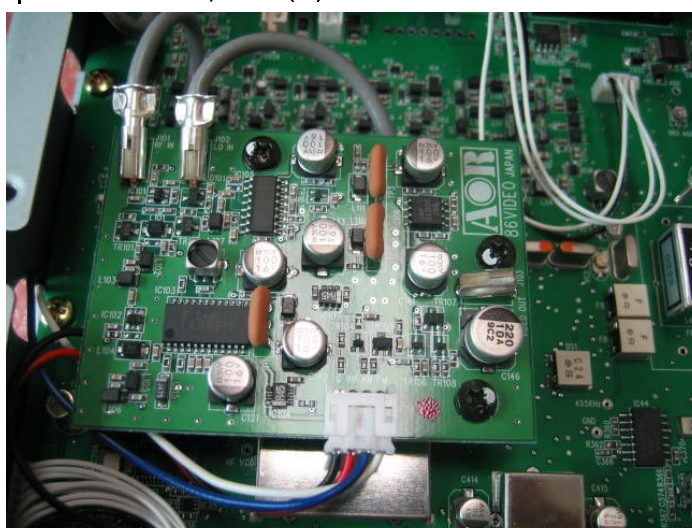
White --- Base of the TR21,   Blue --- Collector of the TR21



8. Carefully solder the center conductor of the coax. cable to the left side of the C155 (SMD capacitor). Solder the shield of the coax. cable to the case of the VCO unit.
9. Carefully solder the center conductor of the coax. cable to the lower side of the C134 (SMD capacitor) next to the DBM 1 (White component). Solder the shield of the coax. cable to the case of the VCO unit.



10. Re-install the rear shield cover.
11. Install the three (3) extension screws. (See above)
12. Install the TV8600 unit onto the three (3) screws.
13. Connect the 4-pin connector, two (2) coax. cable to the TV8600 unit.



14. Unplug the coax. cable for the 10.7MHz IF connector from the main board.
15. Using an extension coax. adapter and a cable, connect to the TV8600 unit.



(Note: The extension cable was not available when the photo was taken.)

16. Reassemble the unit.
17. This completes the installation.
18. Connect a TV monitor to the IF output terminal of the receiver, and connect an external antenna.
19. Power on the AR8600MKII. Tune the receiver to the voice frequency of the TV station.